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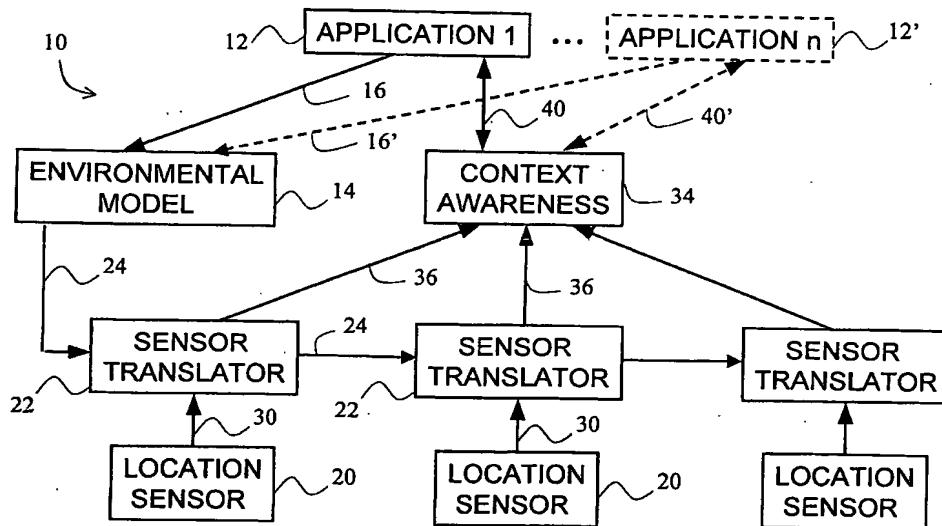
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(54) Title: SYSTEM AND METHOD FOR PROVIDING SUBJECT LOCATION INFORMATION



(57) **Abstract:** A system for providing subject location information for use by one or more software applications includes an environmental model (14) for storing environmental location information including environment subsections defined by system location coordinates. The environmental model communicates with the one or more software applications (12) for receiving an application-specific location request including an area of interest, an application-specific system coordinate resolution and an application-specific update frequency. At least one location sensor (20) senses the position of a subject within the area of interest at a sensor-specific sensing frequency to provide sensor-specific subject location information. A sensor translator (22) translates the sensor-specific subject location information to system location coordinates having the application-specific system coordinate resolution and updates the translated system location coordinates at the application-specific update frequency.

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